

This Quick Reference Guide is intended for instructed users only. Please refer to your Accu-Chek Spirit Combo User Guide for detailed information on your Accu-Chek Spirit Combo insulin pump.

Insert the battery

1. Pump is in STOP.
2. Remove the battery cover with the battery key counterclockwise.
3. Insert the battery with the negative (–) end down in the battery compartment. The positive end fits in the notch of the battery cover.
4. Turn with your battery key carefully clockwise until it locks.
5. The text for the SELF-TEST appear in the display.
6. After SELF-TEST press or to select battery type. Press to confirm.
7. The pump is in STOP.



Set the time

1. Press until the TIME AND DATE SETTINGS screen appears.
2. Select by pressing .
3. Scroll with or to set the hour.
4. Continue with pressing to change from hour to minute, year, month, day and time format. Change the given data with or . When finished with all changes, press .
5. Pump returns to STOP or RUN mode as before.

Program the basal rate

1. Press repeatedly until BASAL RATE PROGRAMMING 1 appears (or, if desired, basal rates 2, 3, 4 or 5).
2. Press to select.
3. Press , the 1st hour (beginning at midnight) is shown.
4. Press or to set the desired basal rate for the shown hour.
5. Press to move to the next hour. Continue using , and to set all 24 hourly basal rates.
6. Confirm by pressing . The new daily total is shown. Please check total.
7. Press to save the settings, new basal rate becomes active immediately.
- To copy the basal rate: press and simultaneously, the basal rate of the selected hour is copied to the next hour.

Start and stop insulin delivery

Pump is in RUN

1. Press until STOP YOUR PUMP screen appears.
2. Press to confirm.
3. Pump is in STOP.

Pump is in STOP

1. Press until START YOUR PUMP screen appears.
2. Press to confirm.
3. Pump is in RUN.

Change the infusion set

1. Pump is in STOP.
2. Remove the infusion set from your infusion site.
3. Unscrew the infusion set from the adapter without touching the tip of the cartridge.
4. Screw the new infusion set carefully into the adapter until it is firmly attached.
5. Prime the new infusion set.

Prime the infusion set

1. Pump is in STOP.
2. Press repeatedly until text INFUSION SET PRIMING appears.
3. Press to select. Disconnect infusion set from body.
4. Press for 3 seconds, priming process starts.
5. The infusion set must be free of air bubbles and the insulin must drip from the end of the needle.
6. Priming process can be stopped by pressing .
7. Pump returns to STOP.

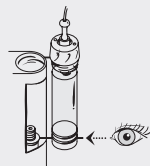
Prepare the cartridge

1. Place the adapter on the cartridge and press firmly.
2. Remove the protective cover of the cartridge.
3. If necessary remove the protective cover of the infusion set.
4. Screw the infusion sets luer-lock clockwise into the adapter. Do NOT overtighten.



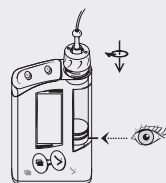
Change the cartridge

1. Pump is in STOP.
2. Press until CARTRIDGE CHANGE appears.
3. Press to confirm.
4. DISCONNECT SET – REMOVE CARTRIDGE appears.
5. Remove the empty cartridge.
6. Press for 3 seconds until the piston rod starts to return.
7. After the piston rod has returned the cartridge volume flashes.
8. To adjust cartridge volume if necessary, hold the cartridge with attached adapter turned upwards.
9. Hold it parallel and close to the cartridge compartment.
10. Thread part top of adapter must be exactly at the same level as the top of the pump housing.



11. Press or repeatedly to move the piston rod forward until end plate of the piston rod is at the same level as the bottom of cartridge plunger.
12. Insert the cartridge in the cartridge compartment.
13. Turn the adapter clockwise into the lock position.
14. The bottom end of the plunger and the end plate of the piston rod must fit exactly.

! If there is space between bottom of plunger and end plate of the piston rod repeat steps 9. to 14.



15. Press to confirm the cartridge volume.
16. Pump starts a self-test.

The Quick bolus

1. Pump is in RUN.
2. Press for 3 seconds until you hear a four-tone beep and feel a vibration. The quick bolus function is activated.
3. Press repeatedly, until the desired bolus amount is reached. This is based on the bolus increment that you set in your THERAPY SETTINGS.
4. 5 seconds after you pressed for the last time, the total bolus amount is confirmed with beep and vibration for every set bolus increment.
5. 5 seconds after the confirmation the pump starts to deliver the bolus.

To cancel a Quick bolus

During programming

1. Press to reset the bolus amount to 0.0 units.
2. If no new bolus is programmed, the pump will return to RUN after 5 seconds.

During or after confirmation

1. Press or for 3 seconds.
2. Warning W8: BOLUS CANCELLED occurs.
3. Press twice to confirm.

During bolus delivery

1. Press or for 3 seconds.
2. Warning W8: BOLUS CANCELLED occurs.
3. Press twice to confirm.

Temporary basal rate (TBR)

1. Pump is in RUN.
2. Press until the TEMPORARY BASAL RATE (TBR) screen appears.
3. Select by pressing , the % for the TBR appears.
4. Press/scroll with or to increase or decrease the basal rate.
5. Press to move to the duration.
6. Press/scroll or to set the duration.
7. Press to save and close.
8. The programmed temporary basal rate is activated immediately.
9. At the end of the TBR, Warning W7: TBR OVER occurs.
10. Press twice to confirm.

To cancel a temporary basal rate (TBR)

1. Pump is in RUN, press to move to STOP YOUR PUMP
2. Press to select.
3. Warning W6: TBR CANCELLED occurs.
4. Press twice to confirm.
5. Press to move to START YOUR PUMP
6. Press to select.

Review data memory (MY DATA)

1. Press repeatedly until MY DATA screen appears.
2. Press to select.
3. Press repeatedly to select:
 - a) BOLUS DATA
 - b) ERROR DATA
 - c) DAILY TOTALS
 - d) TBR DATA
 - e) PUMP TIMER**
4. Press or to review the entries.
5. Press to close.

Keylock

1. Press repeatedly until PUMP SETTINGS screen appears.
2. Press to select.
3. The current Keylock status (ON or OFF) is displayed.
4. Press or to turn Keylock ON or OFF.
5. Press to save and exit.
6. When the Keylock is on and no key is pressed (in RUN or in STOP), all four keys are locked automatically.

Unlock the keys

1. Press + simultaneously until the screen changes.
2. You may now operate the keys.
3. If no key is pressed within 10 seconds (in RUN or STOP), the four keys are locked again automatically.

Change signal settings

1. Press repeatedly until PUMP SETTINGS appears.
2. Press to select.
3. Press repeatedly until SIGNAL SETTINGS screen appears.
4. Press or to set the desired alarm signal.
5. Close and save by pressing .

Adjust the sound volume

1. Press repeatedly until the PUMP SETTINGS appears (in RUN or STOP).
2. Press to select.
3. Press repeatedly to move to the SOUND VOLUME function.
4. Press or to adjust the volume.
5. Press to save and exit.

Switch Bluetooth® ON / OFF

1. Press repeatedly until the BLUETOOTH SETTINGS screen appears.
2. Press to select.
3. Press or to select ON / OFF
4. Press to save and exit.

! You must make sure that *Bluetooth®* function is switched off on both devices before boarding an aircraft.*

Select User Menu

1. Press until MENU SETTINGS appears.
2. Select menu by pressing .
3. The current menu is displayed.
4. Press or to select the desired menu (STANDARD, CUSTOM or ADVANCED).
5. Save by pressing .

If the previously selected basal rate profile is not accessible from the new user menu, there will be dashes in the display.

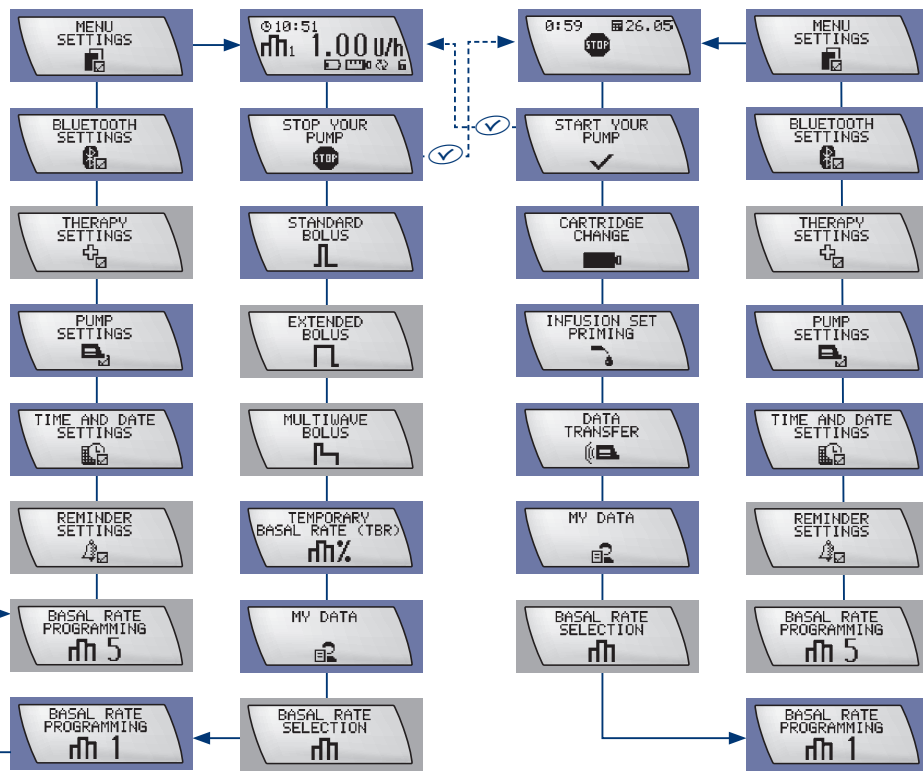
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 ** Backup and loan pumps only.



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RUN

STOP



Not available in STANDARD MENU

BRP = Basal Rate Profile 2–4

- Press to move forwards
- Press to confirm or save
- Press to select up
- Press + simultaneously to move backwards
- Press to select down
- Press for the Backlight
- Press + simultaneously to unlock the Keylock

WARNING / ERROR

For every WARNING and ERROR it is recommended that you consult your User Guide for additional detailed information!

Always press twice to snooze and confirm the signal.

W1 CARTRIDGE LOW

1. Replace the cartridge as soon as possible.

W2 BATTERY LOW

1. Replace the battery within a few hours.

W3 REVIEW TIME

1. Check the date and the time and correct, if necessary.

W4 CALL FOR UPDATE

1. Contact your pump support for update.

W5 PUMP TIMER**

1. Put the pump into RUN (if necessary).
2. Check MY DATA screen.
3. Contact your pump support.

W6 TBR CANCELLED

1. Put the pump into RUN (if necessary).
2. Ensure that this cancellation was intended.
3. Program a new temporary basal rate (if necessary).

W7 TBR OVER

1. Put the pump into RUN (if necessary).

W8 BOLUS CANCELLED

1. Ensure that this cancellation was intended.
2. Program a new bolus (if necessary).

W9 LOANTIME WARNING**

1. Put the pump into RUN (if necessary).
2. Check MY DATA screen.
3. Contact your pump support.

W10 BLUETOOTH FAULT

1. Redo pairing procedure for insulin pump and Meter.

E1 CARTRIDGE EMPTY

1. Change the cartridge immediately.

E2 BATTERY EMPTY

1. Change the battery immediately.

E3 AUTOMATIC OFF

1. Put the pump into RUN (if necessary).

E4 OCCLUSION

1. Check blood glucose level.
2. Disconnect the infusion set from body.
3. Activate the CARTRIDGE CHANGE function.
4. Prime, connect the set to body and put the pump in RUN.

E5 END OF OPERATION**

1. Arrange immediate replacement of your insulin pump.
2. Contact your healthcare professional team if necessary.

E6 MECHANICAL ERROR

1. Disconnect the infusion set from body and remove the cartridge.
2. Exchange the battery.
3. If possible activate the CARTRIDGE CHANGE function.
4. Reinsert the cartridge and attach a new infusion set.
5. Prime, connect the set to body and put the pump in RUN.
6. If 3. not possible contact pump support.

E7 ELECTRONIC ERROR

1. Disconnect the infusion set from body.
2. Exchange the battery.
3. Prime, connect the set to body and put the pump in RUN.

E8 POWER INTERRUPT

1. Check for correct time and date.

E9 END OF OPERATION**

1. Check MY DATA screen.
2. Contact your pump support.

E10 CARTRIDGE ERROR

1. Disconnect the infusion set from body and remove the cartridge.
2. Activate the CARTRIDGE CHANGE function.
3. Reinsert the cartridge and attach a new infusion set.
4. Prime, connect the set to body and put the pump in RUN.

E11 SET NOT PRIMED

1. Disconnect the infusion set from body.
2. Prime, connect the set to body and put the pump in RUN.

E12 DATA INTERRUPTED

1. Restart the data transfer.

E13 LANGUAGE ERROR

1. Check Language.
2. Contact your pump support.

REMINDER









1. Put the pump into RUN (if necessary).

END OF WARRANTY

1. Contact your pump support.

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Mainmenu Press  to enter	Submenu Press  to move forward ...				
<div>MENU SETTINGS </div>	SELECT USER MENU		ADVANCED / CUSTOM / STANDARD		
<div>BLUETOOTH SETTINGS </div>	BLUETOOTH ON/OFF		PAIRED DEVICE	ADD DEVICE	
<div>THERAPY SETTINGS </div>	BOLUS INCREMENT	PRIME AMOUNT	BASAL RATE LOCK	AUTOMATIC OFF	
<div>PUMP SETTINGS </div>	KEY LOCK	SOUND VOLUME	SIGNAL SETTINGS	ORIENTATION	
			LANGUAGE	DISPLAY CONTRAST 	
<div>MY DATA </div>	BOLUS DATA	ERROR DATA	DAILY TOTALS	TBR DATA	PUMP TIMER**

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I am a **diabetic patient** being treated with an insulin pump, that delivers insulin via a tube into my skin. If I show abnormal behavior or I am unconscious, please pull the tube with the needle out of my skin or cut the tube off directly at the needle. If I am able to swallow, give me sugar in some form immediately. Notify a doctor, hospital or ambulance.

Emergency Card



Name

Address

Phone

In case of emergency please contact:

Name

Phone

Medical Certificate

This is to certify that

Mrs/Mr _____

Date of birth _____

has DIABETES MELLITUS.

She/He has to rely on regular supply of insulin with the Accu-Chek Spirit Combo insulin pump Serial No. _____ which he/she carries with him/her.

Place and date

Name of doctor

Phone

Fax

Signature

Stamp

